

# **SUMMARY OF CONOPS ISSUES IN ISME**

**PURPOSE - DETERMINE HOW EFFECTIVELY DOE AND BNL LINE MANAGEMENT HAVE IMPLEMENTED AN INTEGRATED SAFETY MANAGEMENT SYSTEM AND ENVIRONMENTAL, SAFETY, AND HEALTH PROGRAMS.**

**BASIS - DOE POLICY 450.4, SAFETY MANAGEMENT SYSTEM POLICY ELEMENTS**

- **SYSTEMATICALLY INTEGRATE SAFETY INTO WORK PRACTICES AT ALL LEVELS**
- **IMPLEMENT FUNDAMENTAL POLICIES THAT GUIDE DEPT. AND CONTRACTOR ACTIONS, FROM DEVELOPMENT OF SAFETY DIRECTIVES TO PERFORMANCE OF WORK.**
- **ESTABLISH STRUCTURE TO PERFORM WORK WITH RIGOR COMMENSURATE WITH HAZARDS**
- **DEFINE AND DOCUMENT RESPONSIBILITIES AND APPROVAL PROCESSES COMMENSURATE WITH HAZARDS**
- **PLAN, PERFORM AND ASSESS WORK.**

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## **FOUR FACILITIES REVIEWED - HFBR, AGS, NSLS, CHEMISTRY**

### **PROGRAMS EVALUATED**

- **CONDUCT OF OPERATIONS**
- **MAINTENANCE**
- **ENVIRONMENTAL RAD. PROTECTION**
- **SURFACE WATER**
- **GROUNDWATER PROTECTION**
- **WASTE MANAGEMENT**
- **INDUSTRIAL HYGIENE**
- **OCCUPATION HEALTH**
- **OCCUPATION RAD PROTECTION**

### **CONOPS PROGRAM PURPOSE -**

- **MANAGE, ORGANIZE, AND CONDUCT BNL OPERATIONS/FACILITIES IN A SAFE AND RELIABLE MANNER; AND DEVELOP AND INSTITUTE POLICIES AND PROCEDURES TO DOCUMENT & CONTROL THE CONDUCT OF OPERATIONS AT SELECTED OPERATIONS/FACILITIES**

### **CONOPS WEAKNESSES -**

- **LAB EMERGENCY PLAN REVISED PRIOR TO 1995, LITTLE HAS BEEN DONE TO UPDATE LOCAL DEPT/DIV EMERGENCY PLANS**
- **HFBR ABNORMAL RESPONSE PROCEDURES DON'T PROVIDE ADEQUATE GUIDANCE FOR OPS PERSONNEL.**
- **CONTROL AND USE OF PROCEDURES AT NSLS IS FRAGMENTED AND INEFFECTIVE**

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- **CONTROL OF OPERATOR AIDS AT AGS AND NSLS IS INFORMAL AND UNDOCUMENTED**
- **PERFORMANCE BASED ASSESSMENTS OF CONOPS NOT PERFORMED (AGS & NSLS)**

### **RELATED CONOPS WEAKNESSES -**

- **ESTABLISH & IMPLEMENT INTEGRATED ISSUES TRACKING SYSTEM**
- **ESTABLISH & IMPLEMENT MORE STRUCTURED LESSONS LEARNED PROGRAM**
- **STRENGTHEN PROCESSES ASSOCIATED WITH CONTROLLING WORK & EXPERIMENTS**
- **ESTABLISH & IMPLEMENT COMPREHENSIVE STRUCTURED INITIAL TRAINING PROGRAM**
- **ESTABLISH TRAINING & QUALIFICATION DATA BASE**
- **INCORPORATE LESSONS LEARNED INTO G.E.T & TRAINING OF MANAGERS**
- **DEVELOP & IMPLEMENT BNL INSTRUCTOR TRAINING & QUALIFICATION PROGRAM**